

Fig. 1a

1 MPLFFRKRP SEEARKLEY QMCLAKEAGA DDILDISKCE LSEIPFGAFA
51 TCKVLQKKVL IVHTNHLTSL LPKSCSLLSL ATIKVLDLHD NQLTALPDDL
101 GQLTALQVLN VERNQLMQLP RSIGNLTQLQ TLNVKDNKLK ELPDTVGELR
151 SLRTLNIISGN EIQRLPQMLA HVRTLEMLSL DASAMVYPPR EVCCAGTAAI
201 LQFLCKESGL EYPPSQYLL PILEQDGIEN SRDSPDGPTD RFSREELEWQ
251 NRPSDYEKRK EQKMLEKLEF ERRLELGQRE HTQLLQQSSS QKDEILQTVK
301 EEQSRLEQGL SEHQRHLDAA RQRLQEQLKQ TEQNISSRIQ KLLQDNQRQK
351 KSSEILKSLE NERIRMEQLM SITQEETESL RRRDVASAMQ QMLTESCKNR
401 LIQMAYESQR QNLVQQACSS MAEMDERFQQ ILSWQQMDQN KAISQILQES
451 AMQKAAFEAL QVKKDLMHRQ IRSQIKLIET ELLQLTQLEL KRKSLDTESL
501 QEMISEQRWA LSSLLQQLLK EKQOREEELR EILTELEAKS ETRQENYWLI
551 QYQRLLNQKP LSLKLQEEGM ERQLVALLEE LSAEHYLPF AHHRSLDLL
601 SQMSPGDLAK VGVSEAGLQH EILRRVQELL DAARIQPELK PPMGEVVTPT
651 AEQEPPEQSVR PSAPPAELEV QASECVVLE REAQMIPLNC GHVCCCQQCC
701 QPLRTCPLCR QDIAQRLRIY HSS SEQ ID No.: 2

Fig. 2a

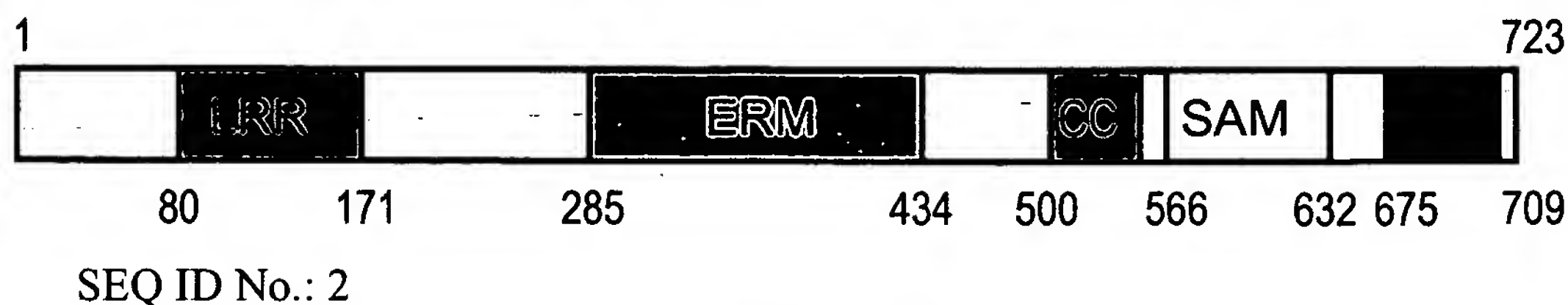


Fig. 2b

SEQ ID No.: 4	Mouse	MPU . FFRKRK	PSEEARKRLE	YQMCLAKEAG	ADDILDISKC	ELSEIPFGAF	ATCKVLQKKV	LIVHTNHLTS	LCPKSCSLLS	79
SEQ ID No.: 6	Rat	MPU . FFRKRK	PSEEARKRLE	YQMCLAKEAG	ADDILDISKC	ELSEIPFGAF	ATCKVLQKKV	LIVHTNHLTS	LCPKSCSLLS	79
SEQ ID No.: 2	Human	MPU . FFRKRK	PSEEARKRLE	YQMCLAKEAG	ADDILDISKC	ELSEIPFGAF	ATCKVLQKKV	LIVHTNHLTS	LCPKSCSLLS	79
SEQ ID No.: 63	Cinte	MPLGRFGSKK	QSKNAKRREFE	HLVMMAKEN	PDRIIFDLSDC	ELHEVPNLMF	SQCRVLUTES	LLHLSNLKIS	LLKHGKMSC	78
	Mouse	LVVFIKVLDLH	ENQLTALPDD	MGQLTVLQVD	NVERNQLTHL	PRSIGNLLQL	QTLNVKDNKL	KELPDTLGEL	RSLRTLDI SE	159
	Rat	LATIKVLDLH	DNQLTALPDD	IGQLTALQVD	NVERNQLTHL	PRSVGNLLQL	QTLNVKDNKL	KELPDTLGEL	RSLRTLDI SE	159
	Human	LATIKVLDLH	DNQLTALPDD	LGQLTALQVD	NVERNQLMQL	PRSIGNLLQL	QTLNVKDNKL	KELPDTLGEL	RSLRTLDI SG	159
	Cinte	LTSLRVLDLH	NNRILALPKD	IGVLSNLQVF	NLENNRILTEL	PDSIGDLKKL	QSLAKDNQL	NSLPITILSGM	ESLRTLDI SG	158
	Mouse	NEIQRLPQM	LAHVRTLLEV	SL . NALAMVY	PPPEVCGAGT	AAVQQFLCKE	SGLDYYPPSQ	YLLPVLEQDG	AENTQDSDG	237
	Rat	NEIQRLPQM	LAHVRTLLEV	SL . DALSMVY	PPPEVCGAGT	AAVQQFLCKE	SGLDYYPPSQ	YLLPVLEQDG	AENSQDSDG	237
	Human	NEIQRLPQM	LAHVRTLLEM	SL . DASIAMVY	PPPEVCGAGT	AAVQQFLCKE	SGLDYYPPSQ	YLLPVLEQDG	IENSQDSDG	237
	Cinte	TNKVLYLPKT	LCKVRTLEV	VLSNPAVMEY	PHSMVACEGL	EAIQKFLCKD	TGIEYIPPSH	ATUKVLDSSA	TTSSSSKQTA	238
	Mouse	PIASRFSREEA	EWQNRFSDE	KRKEQKMLEK	LEFERRLDLG	QREHAELLQ	SHSHKDEILQ	TVKQEQRLE	QIDLSERQRC	317
	Rat	PIASRFSREEA	EWQNRFSDE	KRKEQKMLEK	LEFERRLDLG	QREHAELLQ	SHSHKDEILQ	TVKQEQRLE	QGLSERQRC	317
	Human	PTDRFSREEL	EWQNRFSDE	KRKEQKMLEK	LEFERRLDLG	QREHAELLQ	SSSQKDEILQ	TVKKEEQSRLE	QGLSEHQHRL	317
	Cinte	AANL . . . Q	LYQSSMDQYQ	RSKDEKMKQ	LEIERSIAEQ	QREQAYLITAK	AKHEKAKENA	FLKQEQAQVFD	RSISEQQKKT	313
	Mouse	DAERQQLQE	LKQTEQSIA	RIQRLQDNQ	RQKKSSEILK	SLENERIRNE	QLMSITQEET	ENLRQREIAA	AMQMLTESC	397
	Rat	DAERQQLQE	LKQSEQSIA	RIQRLQDNQ	RQKKSSEILK	SLENERIRNE	QLMSITQEET	ENLRQREIAA	AMQMLTESC	397
	Human	DAERQRLQE	LKQTEQNIS	RIQRLQDNQ	RQKKSSEILK	SLENERIRNE	QLMSITQEET	ESLRRRDVA	AMQMLTESC	397
	Cinte	EIERQEMMT	LTQVEEASR	LVNKLVSINI	GAKQREME	GMEIRERMEQE	ERFKVTQED	DKLRKKEITLA	AMQSVIADNA	393
	Mouse	KSRLIQMAYE	SQRQSUAQQA	CSSMAEMDKR	FQQLSWQQM	DQNKAISQIL	QESVMQKAAF	EALQVKKDL	HRQIRNQIRL	477
	Rat	KSRLIQMAYE	SQRQSLVQQA	CSSMAEMDKR	FQQLSWQQM	DQNKAISQIL	QESVMQKAAF	EALQVKKDL	HRQIRNQIRL	477
	Human	KNRLIQMAYE	SQRQNLVQQA	CSSMAEMDER	FQQLSWQQM	DQNKAISQIL	QESAMQKAAF	EALQVKKDL	HRQIRNQIRL	477
	Cinte	HYAIAIKKYL	GEIQDHMTQA	QQTLAGADNEL	IEHELKRQW	NQGVLDVQIL	HEESLQKEAF	IMLKLQHDV	QARLVQDQJGQ	473
	Mouse	IETELQLLTQ	LELKRKSLDT	ETLQEMVSEQ	RWALSNNLLQ	LLKEKKQREE	ELHGILAELE	AKSETKQENY	WLIQYQRLN	557
	Rat	IETELQLLTQ	LELKRKSLDT	ETLQEMVSEQ	RWALSNNLLQ	LLKEKKQREE	ELHGILAELE	AKSETKQENY	WLIQYQRLN	557
	Human	IETELQLLTQ	LELKRKSLDT	ESLQEMVSEQ	RWALSNNLLQ	LLKEKKQREE	ELREILUTELE	AKSETKQENY	WLIQYQRLN	557
	Cinte	LQGEILRLTQ	IEAQRNKHR	DQDKQTL	RNELTDL	LLKEKKQREE	MVKSRLVEME	QOREDDQVDF	WLVQYQKLLD	553
	Mouse	QKPLSLKLQE	EGMERRLVAL	LVELSAEHYL	PLFAHHRISL	DMLSRMSPGD	LAKVGVSEAG	LQHEILRRAR	DLLAVPRVQP	637
	Rat	QKPLSLKLQE	EGMERQLVAL	LVELSAEHYL	PLFAHHRITL	DMLSRMGPGD	LAKVGVSEAG	LQHEILRRAR	DLLDVARVQP	637
	Human	QKPLSLKLQE	EGMERQLVAL	LELSAEHYL	PIFAHHRUSL	DLLSQMSPGD	LAKVGVSEAG	LQHEILRRVQ	ELLDAARIQP	637
	Cinte	TKPEVLVQKE	HGIVDPQLVRL	LQRSDAIAHHL	SAFAHRHITM	DTITTLDDDEK	URSLGVFETIG	LRNILLREIE	ELY . LQRKKV	632
	Mouse	ELKPLENEVL	GALPEPTAPR	EL QES	VRPSAPPAEL	DMPTSECVVC	LEREAQMVFL	TCGHVCCCCQ	CCQPLRTCP	712
	Rat	ELKPPKNEVF	GVSEPPTAPQ	EL PES	VRPSAPPAEL	DVPTSECVVC	LEREAQMVFL	TCGHVCCCCQ	CCQPLRTCP	712
	Human	ELKPPMGEEV	. . . TPTAPQ	EP PES	VRPSAPPAEL	EVQASECVVC	LEREAQMIFL	TCGHVCCCCQ	CCQPLRTCP	708
	Cinte	DLPTSDEE	. . . HPPPTAPV	EQSTSQDPDV	VQPTAP . SES	QEEENECVVC	LDRNSDTIFL	PCGHVCAQFI	CSTQLQSCPM	707
	Mouse	CRQEISQRLR	IYHSS 727	EL QES	VRPSAPPAEL	DMPTSECVVC	LEREAQMVFL	TCGHVCCCCQ	CCQPLRTCP	712
	Rat	CRQEISQRLR	IYHSS 727	EL PES	VRPSAPPAEL	DVPTSECVVC	LEREAQMVFL	TCGHVCCCCQ	CCQPLRTCP	712
	Human	CRQDIAQRLR	IYHSS 723	EP PES	VRPSAPPAEL	EVQASECVVC	LEREAQMIFL	TCGHVCCCCQ	CCQPLRTCP	708
	Cinte	CRSDVAQKIK	IFRS - 721	EQSTSQDPDV	VQPTAP . SES	QEEENECVVC	LDRNSDTIFL	PCGHVCAQFI	CSTQLQSCPM	707

FIG. 2C

